

## **Historic, Archive Document**

Do not assume content reflects current  
scientific knowledge, policies, or practices.





aZ675  
.A8N372

# Information Alert

From the National Agricultural Library



United States  
Department of  
Agriculture



Press Release — FOR IMMEDIATE RELEASE

Contact: Brian Norris

(301) 504-6778; FTS: 964-6778

FAX: (301) 504-5472; FTS: 964-5472

## Alerts in This Set

- |       |  |
|-------|--|
| 92-01 | NAL Participates in New Sustainable Agriculture Network        |
| 92-02 | NAL Fights to Win the Preservation Battle                      |
| 92-03 | NAL Solicits Potential Solutions to Hardwood Industry Problems |
| 92-04 | Eastern Europe Ag Business Guide Available from NAL            |
| 92-05 | Food Irradiation CD-ROM Developed by NAL                       |
| 92-06 | Nutrition Bibliography Available from NAL                      |
| 92-07 | Bibliographies on Crop Protection Available from NAL           |
| 92-08 | Pesticide Training Bibliography Available from NAL             |
| 92-09 | Smithsonian Columbus Exhibit Opens at NAL                      |
| 92-10 | All NAL Telephone Numbers Changing December 16                 |
| 92-11 | Bibliography on Ferrets as Lab Animals Available from NAL      |
| 92-12 | NAL Produces Rural Studies Guides                              |
| 92-13 | Spanish Video on Lab Animal Care Available from NAL            |
| 92-14 | Telephone Numbers Changed for NAL Electronic Bulletin Board    |

December 1991







# Information Alert

From the National Agricultural Library

---



United States  
Department of  
Agriculture



**Press Release — FOR IMMEDIATE RELEASE**

**Contact: Brian Norris**

**(301) 504-6778; FTS: 964-6778**

**FAX: (301) 504-5472; FTS: 964-5472**

## **NAL Participates in New Sustainable Agriculture Network**

Beltsville, MD — Information on sustainable agriculture is now available through a network linking 14 universities, government agencies, businesses, and non-profit organizations. The National Agricultural Library (NAL) is participating in this network.

The network is funded through a \$90,000 grant from the USDA Sustainable Agriculture Research and Education program, formerly known as the Low-input Sustainable Agriculture (LISA) program.

Sustainable agriculture has been defined as agriculture that “is environmentally sound, economically viable, fair and humane.”

According to Jill Auburn of the University of California and chair of the Sustainable Agriculture Network, “the idea behind the network is to share information about sustainable agriculture among many information users and providers.”

Auburn said the long-term plan for the network is to improve the flow of information in traditional forms like publications and in new technologies such as computer networking. She said the network will not operate in isolation from other agriculture information efforts.

According to Jayne MacLean, coordinator of NAL's Alternative Farming Systems Information Center and the library's delegate to the network, more and more information related to sustainable agriculture is available from research and educational institutions, private non-profit groups, farmer organizations and others.

“However, locating the information and identifying the gaps is an increasing challenge,” she said.

— more —

page 1 of 3

92-01

December 1991



To help meet that challenge, NAL is joining with other USDA agencies and other organizations in developing this organized network.

Short-term goals of the network are to compile a directory of individuals and organizations involved in sustainable agriculture, and "present a showcase of sustainable agriculture information" at an international symposium in November.

The staff at the Appropriate Technology Transfer for Rural Areas (ATTRA), a national agriculture information service based in Arkansas, is compiling the directory. The directory will identify experts and other sources of information on sustainable agriculture, and will be available in printed and electronic form.

John Ikerd of the University of Missouri is organizing the showcase in conjunction with an international sustainable agriculture symposium at Ohio State University, November 10-13, 1991.

According to Ikerd, at that event individuals and organizations will be able to share information and materials related to sustainable agriculture. Materials will be displayed at the showcase, as well as reviewed by the Sustainable Agriculture Network for possible national distribution. Special consideration will be given to information on cover crops and to material that synthesizes farming practices information.

The NAL's Maclean said, "the increasing use of electronic information transfer within the USDA and many other organizations presents a unique opportunity. Our network can take advantage of these efforts."

A thesaurus of key terms describing all aspects of sustainable agriculture is being developed under MacLean's direction to help all network users "speak the same language."

The network improves the chances that farmers will learn sustainable farming methods and systems, she added.

"By sharing the costs of the information network with existing systems, the majority of the grant money can go to the development of information rather than to its delivery," she said.

— more —

For additional information contact Jayne MacLean at (301) 344-3724 or write to her at:

National Agricultural Library  
Alternative Farming Systems  
Information Center, Room 111  
10301 Baltimore Boulevard  
Beltsville, MD 20705-2351

The National Agricultural Library is an agency of the U.S. Department of Agriculture. It is the largest agricultural library in the world, containing over 2.1 million volumes and receiving 26,000 current periodical titles from throughout the world. With the Library of Congress and the National Library of Medicine, NAL is one of three national libraries of the United States.

—30—

page 3 of 3  
92-01  
December 1991







# Information Alert

From the National Agricultural Library

---



United States  
Department of  
Agriculture



Press Release — FOR IMMEDIATE RELEASE

Contact: Brian Norris

(301) 504-6778; FTS: 964-6778

FAX: (301) 504-5472; FTS: 964-5472

## NAL Fights to Win the Preservation Battle

Beltsville, MD — The National Agricultural Library (NAL) is locked in a battle with a relentless adversary — time.

To the victor in this battle goes the nation's collection of agricultural books, reports, journals, scientific studies and other priceless materials.

Time is ravaging a large portion of these materials. One can lift a 1912 volume of *The American Cultivator* from the shelves of the library and have it crumble like dried leaves. Time aided by the acid contained in the paper of books and materials published in the last 140 years is causing this calamity.

"Preservation problems for libraries began with the invention of wood pulp paper and its widespread use beginning around 1850," said NAL's Dr. Les Kulp. "The general use of wood pulp paper, highly acidic in nature, has created a situation in which library materials are deteriorating at an alarming pace."

Recently, an NAL task force headed by Dr. Kulp completed a thorough review of the condition of the NAL collection and developed a plan to mitigate the effects of time and acid-paper on these materials.

"The study identifies what our preservation problems are," said NAL Director Joseph H. Howard. "Now we must work to find solutions to these problems."

Like most large research libraries faced with numerous demands and limited resources, so far NAL has been able to take only simple and inexpensive steps to preserve materials. These include storing materials flat rather than vertically thus reducing the strain on old book bindings; using automatic timers to limit the amount of artificial, irradiating light allowed to shine on materials stored in library stacks; and controlling temperature, moisture and other environmental

— more —

page 1 of 4

92-02

December 1991



conditions in which materials are stored. Also, each year NAL binds many thousands of journals to extend their useful lives as they are handled by researchers, scientists and other users of the library. However, much more needs to be done.

Kulp said that preservation of materials is a major concern of the library profession as a whole. Typically, about 25 percent of the collections of most large research libraries have become brittle; flaking to pieces with even the most careful handling. Agricultural publications may be even more susceptible to this malady.

"A large number of agricultural publications are published by societies and governments with the intent of free distribution," Kulp said. "Agriculture is a chief concern of most governments and spreading agricultural information quickly, broadly and cheaply is often their aim. These sources frequently publish on poorer grades of paper which are highly acidic and short-lived."

In the case of the NAL collection, Kulp said that more than 50 percent of the monographs and serials are disintegrating and about one-fourth of the NAL's 2.3 million volumes are brittle.

"The contents of the brittle volumes need to be transferred to another medium in order to be useful and to escape loss to the scientific world," Kulp said.

The only option is to transfer their contents to a format such as microform, photocopy or optical disk, he said. To a degree, the library is doing this.

NAL began its program of full-conservation of rare or historical items in 1971, contracting with a conservator to restore items of particular significance. To date, about 2,000 items have been fully restored, or about 4 percent of the estimated 50,000 titles in the historic books and manuscripts collections of NAL.

The library also cooperates with land-grant university libraries, the Library of Congress and commercial microform publishers to microfilm significant agricultural publications.

Perhaps most encouraging is the library's work in applying new technologies in its preservation efforts. However, NAL Director Howard cautions that these are experimental projects at present and would need to be up-graded

— more —



considerably in order to be of significant help to NAL's preservation program.

Be that as it may, NAL has gained international respect for its leadership role in placing full-text, page images, photographs and even audio-visual materials on CD-ROMs and laser discs. For instance, the library, working with USDA's Office of Public Affairs, developed a laser disc system containing 16,000 USDA photographs.

The system consists of a 12-inch laser disc and computer software that allows searchers to find needed photographs in minutes instead of the hours required when going through thousands of files. In addition to the time saved, the system also lessens wear and tear on photographs by reducing the handling they receive when searchers thumb through them.

In a major experimental effort, the library has placed entire collections of materials on several critical, agriculture-related subjects on five-inch, easy-to-use CD-ROMs (compact disc-read only memory). Subjects include acid rain, agent orange, food irradiation and others. NAL makes these discs available to land-grant university libraries for use and evaluation. Each small disc contains thousands of pages of information, including diagrams, charts and pictures. Program managers are encouraged with the success of this experimental program and, with the proper support, see tremendous potential.

But in spite of the hope NAL maintains that it will eventually develop a viable preservation program, the battle to save the nation's agricultural knowledge is an old one and one the library expects to be waging for years to come.

According to Kulp, NAL and USDA have the responsibility for "ensuring the survival of the world's most important body of recorded agricultural knowledge."

It is a weighty responsibility.

For additional information contact Les Kulp at (301) 344-3875 or write to:

Dr. Les Kulp, Head  
Reference and User Services Branch, 14th Floor  
National Agricultural Library  
10301 Baltimore Boulevard  
Beltsville, MD 20705-2351

— more —

The National Agricultural Library is an agency of the U.S. Department of Agriculture. It is the largest agricultural library in the world, containing over 2.1 million volumes and receiving 26,000 current periodical titles from throughout the world. With the Library of Congress and the National Library of Medicine, NAL is one of three national libraries of the United States.

— 30 —

**page 4 of 4**  
**92-02**  
**December 1991**



# Information Alert

From the National Agricultural Library

---



United States  
Department of  
Agriculture



**Press Release – FOR IMMEDIATE RELEASE**

**Contact: Brian Norris**

**(301) 504-6778; FTS: 964-6778**

**FAX: (301) 504-5472; FTS: 964-5472**

## **NAL Solicits Potential Solutions to Hardwood Industry Problems**

Beltsville, MD – The Technology Transfer Information Center (TTIC) of the National Agricultural Library (NAL) would like to hear from organizations or individuals that think they might have solutions to four specific problems facing the U.S. hardwood industry.

TTIC, the Extension Service of the U.S. Department of Agriculture, the Department of Commerce's National Institute of Standards and Technology and the Hardwood Research Council are involved in a nationwide effort to solicit proposals in areas in which the U.S. hardwood industry is looking for help.

"We are collaborating on a user-driven technology transfer process," said Kate Hayes, coordinator of TTIC. "The effort includes identifying the technological needs of the U.S. hardwood industry and working with the federal laboratories, universities and other research organizations to locate potential solutions."

The organizations involved in this process have prepared four "statements of need" defining the hardwood industry problems they are seeking help with. Briefly, the "statements of need" are:

- **Detection System to Identify Wetwood in Standing Living Trees and in Cut Logs and Boards.** Technology Requirements: How to detect "wetwood" infected logs and lumber before drying and how to identify "wetwood" infected living trees in the forest.
- **Novel Technology for Processing Logs into Boards or Other Value-Added Products.** Technology Requirements: Finding alternatives to conventional sawmill practices for milling logs into boards and to produce other value-added products.

— more —

**92-03**  
**December 1991**

- Alternatives to Petroleum-based Biocides for Protecting Hardwood Lumber and Manufactured Products. Technology Requirements: Finding alternatives for protecting raw and finished lumber against insects and fungal-caused decay and stain.
- External and Internal Defect Detection To Optimize Cutting of Hardwood Logs and Lumber. Technology Requirements: Develop or identify log scanners that will locate and define dimensions of internal knots, splits, holes, decay and other physical defects as well as foreign objects such as rocks, bullets and other metals, prior to milling operations. Also needed are automated, computerized systems that will locate, define and remove surface defects from lumber.

Copies of the complete "statements of need" are available by contacting:

Technology Transfer Information Center  
National Agricultural Library, Room 1402  
10301 Baltimore Boulevard  
Beltsville, MD 20705-2351

Telephone: (301) 504-6875; FTS: 964-6875  
Telefacsimile: (301) 504-7098; FTS: 964-7098

NAL established the Technology Transfer Information Center in 1990 to assist in converting federally sponsored discoveries in the field of agriculture into commercial products. The center provides federal research results to individuals and organizations that can put the results to practical use. TTIC works at establishing networks to link people, facilities and processes that are involved in moving technology from its source to potential users.

The Technology Transfer Information Center is one of a dozen information centers established by NAL to gather information and provide services on issues of critical importance to the agricultural community. Subjects covered by other centers include: agricultural trade and marketing, alternative farming systems, animal welfare, aquaculture, biotechnology, food and nutrition, plant genome, rural development, water quality, and youth development.

The National Agricultural Library is an agency of the U.S. Department of Agriculture. It is the largest agricultural library in the world, containing over 2.1 million volumes and receiving 26,000 current periodical titles from throughout the world. With the Library of Congress and the National Library of Medicine, NAL is one of three national libraries of the United States.



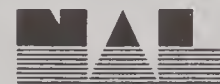
# Information Alert

From the National Agricultural Library

---



United States  
Department of  
Agriculture



**Press Release — FOR IMMEDIATE RELEASE**

**Contact: Brian Norris**

**(301) 504-6778; FTS: 964-6778**

**FAX: (301) 504-5472; FTS: 964-5472**

## **Eastern Europe Ag Business Guide Available from NAL**

Beltsville, MD — The Agricultural Trade and Marketing Information Center (ATMIC) of the National Agricultural Library (NAL) has prepared a publication to assist U.S. agribusinesses interested in exporting to or doing other business with Eastern European countries.

For each of eight Eastern European countries, the publication, called "Eastern Europe: Going Global," contains listings of selected readings on business climates in the countries, addresses to contact for information (including information on agricultural trade fairs in the countries) and briefing notes on each of the countries. These notes include the principal crops of the countries and key trading partners.

The countries covered in "Eastern Europe: Going Global" are Albania, Bulgaria, Czechoslovakia, Hungary, Poland, Romania, the USSR and Yugoslavia.

"We prepared the guide because of the increased interest shown by U.S. companies in doing business in these countries," said Mary Lassanyi, ATMIC coordinator and author of the publication. "This interest was no doubt a result of the profound changes that have occurred in Eastern Europe recently."

Copies of the publication are available by sending a request, with a self-addressed label, to:

Agricultural Trade and Marketing Information Center  
National Agricultural Library, Room 304  
10301 Baltimore Boulevard  
Beltsville, MD 20705-2351

NAL's Agricultural Trade and Marketing Information Center was established to provide information to and otherwise assist U.S. agricultural companies doing business internationally. It is one of 11 information centers set up by NAL

— more —

**92-04**  
**December 1991**

to keep abreast of the most current information on areas of particular interest to the agricultural community.

Other information centers cover alternative farming systems, animal welfare, aquaculture, biotechnology, food and nutrition, plant genome, rural development and health, technology transfer, water quality and youth development.

The National Agricultural Library is an agency of the U.S. Department of Agriculture. It is the largest agricultural library in the world, containing over 2.1 million volumes and receiving 26,000 current periodical titles from throughout the world. With the Library of Congress and the National Library of Medicine, NAL is one of three national libraries of the United States.



# Information Alert

From the National Agricultural Library

---



United States  
Department of  
Agriculture



**Press Release — FOR IMMEDIATE RELEASE**

**Contact: Brian Norris**

**(301) 504-6778; FTS: 964-6778**

**FAX: (301) 504-5472; FTS: 964-5472**

## **Food Irradiation CD-ROM Developed by NAL**

Beltsville, MD — Food irradiation is the subject of the latest CD-ROM (compact disc-read only memory) developed by the National Agricultural Library (NAL) as part of its ongoing text digitizing program.

Entitled "Food Irradiation," the five-inch disc contains 94 non-copyrighted research reports, surveys and conference proceedings related to the use of atomic radiation to preserve food.

NAL's text digitizing program is a key component of the National Agricultural Text Digitizing Project (NATDP). The project began in 1987 with NAL and land-grant university libraries testing the feasibility of disseminating agricultural information on CD-ROMs. Discs developed under NATDP have covered acid rain, Agent Orange, "Food, Agriculture and Science" and aquaculture.

Once discs are developed at NAL, they are distributed to land-grant university libraries for testing and evaluation.

According to NAL Director Joseph Howard, the discs developed under NATDP have been well received by those using them, mostly students and researchers at the land-grant libraries.

"We've had so much positive feedback from disc users that, with the right support, we hope we will be able to make text digitizing fully operational in the very near future," Howard said.

Information contained on the food irradiation disc is from publications produced by and for the U.S. Army Quartermaster Corps in the 1950s and 1960s. From a large collection of these materials donated to NAL, the library's Food and Nutrition Information Center (FNIC) selected the 94 publications included on the disc.

— more —

**page 1 of 3**

**92-05**

**December 1991**

The food irradiation publications were optically scanned to produce digital, bit-mapped page images. NAL staff then created enhanced bibliographic records reflecting the contents of the pages. These records are included on the disc and can be used to search and retrieve specific pages of information.

The food irradiation CD-ROM is NAL's first full-text product using bibliographic records, rather than the full text, for retrieval. Program managers said that because of the age and poor quality of the original food irradiation publications, this method was deemed best.

The bibliographic records on the disc can be searched and displayed on a standard DOS-based personal computer (PC) with a CD-ROM player and Extensions 2.x. However, because the complete text is not available in ASCII full-text format, the user must be able to bring up the page images in order to have full access to the information on the CD-ROM. The page images are in a proprietary LaserData format, which requires the following equipment for display and printing:

- LaserView high-resolution 17" monitor (150 dpi)
- LaserView compression/decompression board
- Ricoh 4080 laser printer with LaserView board
- LaserData parallel cables

This equipment runs on a standard, IBM PC-compatible 286 or 386 microcomputer with 400 KB free memory, running under DOS 3.x. The retrieval software is TextWare Plus. Program managers said that if funding becomes available, the disc will be re-mastered using a standard image format that does not require proprietary display equipment.

NAL is distributing the Food Irradiation CD-ROM to land-grant university libraries equipped with the LaserView display system. Others with the required equipment may obtain a free copy of the disc by contacting:

Judith A. Zidar, NATDP Project Coordinator  
National Agricultural Library, 5th Floor  
10301 Baltimore Boulevard  
Beltsville, Maryland 20705-2351

— more —



Telephone: (301) 504-6813; FTS: 964-6813  
Fax: (301) 504-7473; FTS: 964-7473  
Internet: JZIDAR@ASRR.ARSUSDA.GOV

The National Agricultural Library is an agency of the U.S. Department of Agriculture. It is the largest agricultural library in the world, containing over 2.1 million volumes and receiving 26,000 current periodical titles from throughout the world. With the Library of Congress and the National Library of Medicine, NAL is one of three national libraries of the United States.

— 30 —

page 3 of 3  
92-05  
December 1991





# Information Alert

From the National Agricultural Library

---



**Press Release – FOR IMMEDIATE RELEASE**

**Contact: Brian Norris**  
**(301) 504-6778; FTS: 964-6778**  
**FAX: (301) 504-5472; FTS: 964-5472**

## **Nutrition Bibliography Available from NAL**

Beltsville, MD – A bibliography of educational materials related to the Women, Infants and Children (WIC) and the Commodity Supplemental Food (CSF) programs of the U.S. Department of Agriculture (USDA) is available from the National Agricultural Library (NAL).

"Nutrition Education Resource Guide: An Annotated Bibliography of Educational Materials for the WIC and CSF Programs – 1991" contains citations of books, brochures, posters, flipcharts, films, slides, videotapes and other materials that would be helpful to WIC and CSF program managers.

"The purpose of the guide is to assist state and local WIC and CSF staff in selecting, acquiring and developing accurate and appropriate materials for educating WIC/CSFP participants about nutrition," said Natalie Updegrove of NAL's Food and Nutrition Information Center (FNIC), which produced the guide.

Updegrove said the guide supplements a similar guide published by FNIC in 1982.

"The new guide focuses on education materials related to nutrition for pregnant and breast-feeding women, and children from infancy through preschool," Updegrove said.

In addition to listing and describing materials that are available, the guide also indicates where the materials can be obtained, the format, reading level (if printed material) and the cost. The listed materials are available for loan from FNIC.

The guide was produced with assistance from the National Association of WIC Directors (NAWD) and was funded through an agreement with USDA's Food and Nutrition Service (FNS).

— more —

**92-06**  
**December 1991**

Copies of the guide may be obtained by sending a request with a self-addressed label to:

Food and Nutrition Information Center  
National Agricultural Library, Room 304  
10301 Baltimore Boulevard  
Beltsville, Maryland 20705-2351

Telephone: (301) 504-5719; FTS: 964-5719

The Food and Nutrition Information Center is one of 11 information centers established by NAL to gather information and provide services on issues of critical importance to the agricultural community. In addition to food and nutrition, subjects covered include: agricultural trade and marketing, alternative farming systems, animal welfare, aquaculture, biotechnology, plant genome, rural development and health, technology transfer, water quality, and youth development.

The National Agricultural Library is an agency of the U.S. Department of Agriculture. It is the largest agricultural library in the world, containing over 2.1 million volumes and receiving 26,000 current periodical titles from throughout the world. With the Library of Congress and the National Library of Medicine, NAL is one of three national libraries of the United States.



# Information Alert

From the National Agricultural Library

---



United States  
Department of  
Agriculture



Press Release — FOR IMMEDIATE RELEASE

Contact: Brian Norris  
(301) 504-6778; FTS: 964-6778  
FAX: (301) 504-5472; FTS: 964-5472

## Bibliographies on Crop Protection Available from NAL

Beltsville, MD — The National Agricultural Library (NAL) has published a series of five bibliographies on protecting various agricultural crops or commodities from diseases and environmental damage.

The bibliographies are: *The Protection of Lawn and Turf Grasses, 1979-April 1991*; *The Protection of Stored Grains, 1979-April 1991*; *The Protection of Nut Crops, 1979-April 1991*; *The Protection of Tomatoes, Egg Plants, and Peppers, 1979-April 1991*; and *The Protection of Peanuts, 1986-May 1991*.

Sponsored by NAL and the Office of Pesticide Programs of the Environmental Protection Agency (EPA), the bibliographies contain citations of articles, research reports, advisories from the U.S. Department of Agriculture and state agricultural departments and other materials listed in NAL's AGRICOLA (*AGRICultural OnLine Access*) bibliographic database.

These are the 39th through 43rd bibliographies in a series of "Citations from AGRICOLA Concerning Diseases and Other Environmental Considerations." They were published in the bibliographic series, *Bibliographies and Literature of Agriculture*, BLA numbers 107 through 111.

A memorandum of understanding signed by NAL and EPA officials, in which the two agencies agreed to produce the publications, states the bibliographies "will be useful to EPA in the regulation of pesticides, as well as to any researcher in the field of plant or commodity protection."

According to program managers, the sources referenced in the bibliographies include "the majority of the latest available information from U.S. publications involving commodity protection throughout the growing and processing stages" for each agricultural commodity covered.

— more —

92-07  
December 1991

Other commodities covered in the series are tropical and subtropical fruits, small grains, cucurbits (pumpkins, squash, gourds, etc.), minor vegetable crops, forestry and peas, beans and lentils.

Copies of the bibliographies may be obtained by sending a request with a self addressed label to:

National Agricultural Library, USDA  
EPA Publication Project, Rm 1402  
Reference and User Services Branch  
10301 Baltimore Boulevard  
Beltsville, Maryland 20705-2351

The National Agricultural Library is an agency of the U.S. Department of Agriculture. It is the largest agricultural library in the world, containing over 2.1 million volumes and receiving 26,000 current periodical titles from throughout the world. With the Library of Congress and the National Library of Medicine, NAL is one of three national libraries of the United States.



# Information Alert

From the National Agricultural Library

---



United States  
Department of  
Agriculture



Press Release — FOR IMMEDIATE RELEASE

Contact: Brian Norris

(301) 504-6778; FTS: 964-6778

FAX: (301) 504-5472; FTS: 964-5472

## Pesticide Training Bibliography Available from NAL

Beltsville, MD — A bibliography of training materials available to those involved in teaching the safe and correct methods of applying agricultural pesticides is available from the National Agricultural Library (NAL).

*Pesticide Applicator Training Materials: A Bibliography* was produced by NAL in cooperation with the U.S. Environmental Protection Agency (EPA) and the Extension Service (ES) of the U.S. Department of Agriculture (USDA).

Included in the bibliography are citations of articles, manuals, audio-visuals, computer software and other materials which would be helpful in developing training programs on pesticide use and application. The citations on the materials were extracted from NAL's bibliographic database, AGRICOLA (*AGRICultural OnLine Access*).

Copies of the publication may be obtained by sending a request, with a self-addressed label, to:

National Agricultural Library, USDA  
Water Quality Information Center, Room 109  
Reference and User Services Branch  
10301 Baltimore Boulevard  
Beltsville, Maryland 20705-2351

The National Agricultural Library is an agency of the U.S. Department of Agriculture. It is the largest agricultural library in the world, containing over 2.1 million volumes and receiving 26,000 current periodical titles from throughout the world. With the Library of Congress and the National Library of Medicine, NAL is one of three national libraries of the United States.



# Information Alert

From the National Agricultural Library

---



**Press Release – FOR IMMEDIATE RELEASE**

**Contact: Brian Norris**

**(301) 504-6778; FTS: 964-6778**

**FAX: (301) 504-5472; FTS: 964-5472**

## **Smithsonian Columbus Exhibit Opens at NAL**

Beltsville, MD – A traveling exhibit exploring Christopher Columbus' legacy to North America initiates a two-year tour of the United States at the National Agricultural Library in Beltsville, Maryland, December 4-21.

Entitled "Seeds of Change," the panel exhibit was developed by the Smithsonian Institution Traveling Exhibition Service and the American Library Association (ALA), and funded by the National Endowment for the Humanities and Beneficial Management Corporation. The traveling exhibit is based on an exhibition developed by, and currently on display through April 1993 at, the Smithsonian Institution National Museum of Natural History in Washington, DC. Xerox Corporation funded the exhibition at the Smithsonian.

The exhibit commemorates 500 years of cultural and biological exchanges since Columbus' voyages to the New World. Specifically, it demonstrates how the transfer of five "seeds" – sugar, corn, the potato, disease, and the horse – has affected life in both the Old and New Worlds since 1492.

According to coordinators of the exhibit, these five elements reflect a meeting between "the well-established cultures of Europe and the Americas, altering the flora and fauna, changing the ethnic composition of countries in every corner of the globe and transforming the diets and health of people everywhere."

"We are pleased and honored that the Smithsonian and ALA have chosen the National Agricultural Library as the site to open the national tour of this important exhibit," said Joseph H. Howard, NAL Director. "U.S. agriculture was shaped by these 'seeds of change' and it is perhaps fitting that an agricultural setting serve as the backdrop for the premiere of the exhibit."

The opening of the "Seeds of Change" traveling exhibit at NAL was arranged in cooperation with the National

— more —

**92-09**

**December 1991**



Visitor Center of USDA's Agricultural Research Service (ARS). The Visitor Center is an educational facility in Beltsville devoted to food and farm sciences.

Following its two-week run at NAL, the exhibit will appear in libraries of major cities across the United States through December 1993.

The American Library Association is arranging for 60 librarians from these cities to travel to NAL on December 9 in order to acquaint them with assembling the exhibit. While at NAL, the librarians and invited guests will attend a reception in honor of the exhibit sponsored by the Friends of the Beltsville Agricultural Research Center, Inc.

NAL is located at 10301 Baltimore Boulevard in Beltsville (at the intersection of U.S. Route 1 and the Capitol Beltway). The exhibit will be open, free of charge, from 8 a.m. to 4:30 p.m., Monday through Friday (except federal holidays). Free parking is available at NAL. School classes are welcome.

Tours of the 7,200 acres of livestock and crop research experiments at the ARS facility in Beltsville can be arranged in conjunction with NAL tours by calling the ARS National Visitor Center, (301) 504-8483.

The National Agricultural Library is an agency of the U.S. Department of Agriculture. It is the largest agricultural library in the world, containing over 2.1 million volumes and receiving 26,000 current periodical titles from throughout the world. With the Library of Congress and the National Library of Medicine, NAL is one of three national libraries of the United States.

# Information Alert

From the National Agricultural Library

---



United States  
Department of  
Agriculture



**Press Release — FOR IMMEDIATE RELEASE**

**Contact: Brian Norris**

**(301) 504-6778; FTS: 964-6778**

**FAX: (301) 504-5472; FTS: 964-5472**

## **All National Agricultural Library Telephone Numbers Changing December 16**

Beltsville, MD — Effective December 16, 1991, all telephone numbers of the National Agricultural Library (NAL) will change. Pages 2 and 3 give the new telephone numbers for **Key NAL Personnel and Services**.

Note: \* FTS # is for Federal Government Agencies only = Federal Telecommunications System.

The National Agricultural Library is an agency of the U.S. Department of Agriculture. It is the largest agricultural library in the world, containing over 2.1 million volumes and receiving 26,000 current periodical titles from throughout the world. With the Library of Congress and the National Library of Medicine, NAL is one of three national libraries of the United States.

—30—

page 1 of 3

92-10

December 1991

## LIST OF KEY NAL PERSONNEL AND SERVICES

NAL ORGANIZATION	Contact	Area Code 301-Local #	FTS #*
<b>Director</b>	Joseph Howard	504-5248	964-5248
Assistant Director for Policy and Planning	Maria Pisa	504-6780	964-6780
Public Affairs Specialist	Brian Norris	504-6778	964-6778
Special Services & Communications	Joseph Swab	504-6778	964-6778
Administrative Manager	Marlene Taylor	504-5570	964-5570
Budget Officer	Paul Bennett	504-5570	964-5570
Facilities Manager	Clarence Keen	504-5843	964-5843
<b>Associate Director for Automation</b>	Pamela Andre	504-6813	964-6813
Assistant to Assoc. Dir., Automation	Richard Thompson	504-6813	964-6813
Database Administration Branch	Gary McCone	504-6813	964-6813
Current Awareness Literature Service	Anita Speight	504-6859	964-6859
OCLC Coordinator	David Goldberg	504-6813	964-6813
Text Digitizing	Judi Zidar	504-5853	964-5853
Library Automation Branch	Bill Feidt	504-6813	964-6813
ISIS Coordinator	Roberta Rand	504-6813	964-6813
ISIS Support Line	Chuck Schoppet	504-6342	964-6342
<b>Associate Director for Public Services</b>	Keith Russell	504-5834	964-5834
Assistant to Assoc. Dir., Public Services	Janice Kemp	504-5834	964-5834
ARS Field Libraries	Peggy Beavers	504-5834	964-5834
Document Delivery Services Branch	Carol Ditzler	504-6503	964-6503
Circulation Section (& Interlibrary Loan)	Tanner Wray	504-6503	964-6503
INFORMATION & Circulation Desk	NAL Staff	504-5755	964-5755
Loan Renewals	NAL Staff	504-5798	965-5798
Stack Passes	NAL Staff	504-5755	964-5755
NTIS - ILL Billing	Kim Hicks	504-6503	964-6503
Regional Document Delivery System	Tanner Wray	504-6503	964-6503
Interlibrary Borrowing Section	Michael Thompson	504-6715	964-6715
Search Section	Julie Mangin	504-5879	964-5879
Information Centers Branch	Robyn Frank	504-5719	964-5719
Agricultural Trade & Marketing Inf. Ctr	Mary Lassanyi	504-5704	964-5704
Alternative Farming Systems Info. Ctr	Jayne MacLean	504-5704	964-5704
Animal Welfare Information Center	Jean Larson	504-6212	964-6212
Aquaculture Information Center	Debbie Hanfman	504-5704	964-5704
Food and Nutrition Information Center	Sandy Facinoli	504-5719	964-5719
Rural Information Center	Patricia John	504-5372	964-5372
Youth Development Information Center	John Kane	504-5719	964-5719
Reference & User Services Branch	Leslie Kulp	504-6875	964-6875
Coordinator of Information Programs	Alvetta Pindell	504-6875	964-6875
Reference Section	John Forbes	504-5204	964-5204
Reference Desk	Librarian on Duty	504-5479	964-5479
Grain Dust Project	Sheldon Cheney	504-5204	964-5204
Periodicals Reading Room	Patricia Krug	504-5204	964-5204
Russian Wheat Aphids Project	Wayne Olson	504-5204	964-5204
D. C. Reference Center	Janet Wright, Acting	202-720-3434	720-3434
D. C. Reference Desk	Librarian on Duty	202-720-3434	720-3434



<b>NAL ORGANIZATION</b>	<b>Contact</b>	<b>Area Code 301-Local #</b>	<b>FTS #*</b>
Arboretum Library	Susan Chapman or Wayne Olson	504-5402 504-5402	964-5402 504-5402
Educational Programs Section	Susan Fugate	504-5779	964-5779
Exhibits Planning & Scheduling	Susan Fugate	504-5779	964-5779
AGRICOLA Training Registration	Kate Baker	504-5204	964-5204
Orientation & Tours	Susan Fugate	504-5779	964-5779
Technology & Software Demonstration Centers	Paul Hosman	504-7114	964-7114
Biotechnology Information Center	Robert Warmbrodt	504-6875	964-6875
Global Change Initiative	Janet Wright, Acting	202-720-3434	720-3434
Plant Genome Data and Info. Center	Susan McCarthy	504-6875	964-6875
Preservation and Access Program	Alan Fusonie, Acting	504-6875	964-6875
Special Collections Program	Alan Fusonie	504-5876	964-5876
Special Collections Reading Room	NAL Staff	504-5876	964-5876
Nursery & Seed Trade Catalogs	NAL Staff	504-5876	964-5876
Technology Transfer Information Center	Kathleen Hayes	504-6875	964-6875
Water Quality Information Center	Janice Kemp	504-6875	964-6875
<b>Associate Director for Technical Services</b>	Sarah Thomas	504-5018	964-5018
Systems Librarian, TSD	Claudia Weston	504-5018	964-5018
Acquisitions & Serials Branch	Caroline Early	504-6806	964-6806
Collection Development	Ellen Pletsch	504-5569	964-5569
Exchange and Gift	Rae DuBois	504-5210	964-5210
GPO Depository	Ruth Wertman	504-6321	964-6321
Monographs and Fiscal	Karl Debus	504-6999	964-6999
Serials and Binding	Win Gelenter	504-6573	964-6573
Cataloging Branch	Idalia Acosta	504-7728	964-7728
CONSER Coordinator	Kathleen Dougherty	504-5046	964-5046
NACO Coordinator	Donna Collins	504-6730	964-6730
Data Control	Carolyn Thurman	504-5054	964-5054
Indexing Branch	Shirley Edwards	504-6829	964-6829
Head, Thesaurus Management Section	Martha Hood	504-6829	964-6829
Head, Animal Section	Donald Blamberg	504-6829	964-6829
Head, Plant Section	Janet Berkson	504-6829	964-6829
<b>OTHER SERVICES</b>	<b>Contact</b>	<b>Area Code 301-Local #</b>	<b>FTS #*</b>
FAX (All NAL except those listed below)		504-5472	964-5472
FAX, Office of the Director		504-7042	964-7042
FAX, Technical Services Division		504-5471	964-5471
FAX, Information Systems Division		504-7473	964-7473
FAX, Reference & User Services Branch		504-7098	964-7098
FAX, Rural Information Center		504-5181	964-5181
FAX, D. C. Reference Center		202-720-0342	720-0342
FAX, Document Delivery only		504-5675	964-5675
ALF [NAL's Electronic Bulletin Board]	504-6510, 504-5111, 504-5496, 504-5497		
	FTS: 964-6510, 964-5111, 964-5496, 964-5497		
ALF Systems Operator (voice)	Karl Schneider	504-5113	964-5113
TTY/TTD (when using wait for technician to connect machine)		504-5755	964-5755

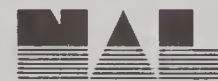


# Information Alert

From the National Agricultural Library



United States  
Department of  
Agriculture



Press Release — FOR IMMEDIATE RELEASE

Contact: Brian Norris

(301) 504-6778; FTS: 964-6778

FAX: (301) 504-5472; FTS: 964-5472

## Bibliography on Ferrets as Lab Animals Available from NAL

Beltsville, MD — A bibliography of information on the use of ferrets in medical research is available from the Animal Welfare Information Center (AWIC) of the National Agricultural Library (NAL).

*Ferrets as Laboratory Animals: A Bibliography* was developed to assist veterinarians and researchers in caring for ferrets used in biomedical research, according to AWIC staff. The bibliography would also be useful to veterinarians who treat ferrets as pets, staff said. The bibliography, produced jointly by AWIC staff and Dr. James G. Fox of the Massachusetts Institute of Technology, contains selected literature on topics ranging from ferret physiology to care and handling of the animal.

Copies are available by sending a request with a self-addressed label to:

Animal Welfare Information Center  
National Agricultural Library, Room 205  
10301 Baltimore Boulevard  
Beltsville, MD 20705-2351

The Animal Welfare Information Center is one of 11 information centers established by NAL to gather information and provide services on issues of critical importance to the agricultural community. In addition to animal welfare, subjects covered include: agricultural trade and marketing, alternative farming systems, aquaculture, biotechnology, food and nutrition, plant genome, rural development and health, technology transfer, water quality, and youth development.

The National Agricultural Library is an agency of the U.S. Department of Agriculture. It is the largest agricultural library in the world, containing over 2.1 million volumes and receiving 26,000 current periodical titles from throughout the world. With the Library of Congress and the National Library of Medicine, NAL is one of three national libraries of the United States.





# Information Alert

From the National Agricultural Library

---



Press Release – FOR IMMEDIATE RELEASE

Contact: Brian Norris

(301) 504-6778; FTS: 964-6778

FAX: (301) 504-5472; FTS: 964-5472

## NAL Produces Rural Studies Guides

Beltsville, MD – The developing field of rural studies is the subject of two new guides published by the Rural Information Center (RIC) of the National Agricultural Library (NAL).

*A Rural Studies Bibliography* is a listing of 163 books and articles related to all aspects of rural studies.

According to Emery N. Castle, chair of the National Rural Studies Committee, which assisted in developing both guides, the bibliography is intended to “serve as a beginning point for graduate students and professionals interested in pursuing topics of rural studies. It is meant to guide interested individuals to seminal research undertaken by the range of disciplines that address rural studies topics.”

The second guide produced by RIC and the National Rural Studies Committee is the *Directory of Rural Studies Scholars and Educators*. The directory is a compendium of scholars and educators in a range of disciplines and located throughout the United States who are involved in teaching or in the research of rural issues.

The publications are available, free of charge, by sending a request with a self-addressed label to:

Rural Information Center, Room 304  
National Agricultural Library  
10301 Baltimore Boulevard  
Beltsville, Maryland 20705-2351

The Rural Information Center is one of 11 information centers established by NAL to gather information and provide services on issues of critical importance to the agricultural community. In addition to rural development and health, subjects covered include: agricultural trade and marketing, alternative farming systems, animal welfare, aquaculture, biotechnology, food and nutrition, plant genome, technology transfer, water quality, and youth development.

— more —

92-12  
December 1991

The National Agricultural Library is an agency of the U.S. Department of Agriculture. It is the largest agricultural library in the world, containing over 2.1 million volumes and receiving 26,000 current periodical titles from throughout the world. With the Library of Congress and the National Library of Medicine, NAL is one of three national libraries of the United States.

— 30 —

**92-12**  
**December 1991**



# Information Alert

From the National Agricultural Library

---



United States  
Department of  
Agriculture



**Press Release — FOR IMMEDIATE RELEASE**

**Contact: Brian Norris**

**(301) 504-6778; FTS: 964-6778**

**FAX: (301) 504-5472; FTS: 964-5472**

## **Spanish Video on Lab Animal Care Available from NAL**

Beltsville, MD — A new videotape, narrated in Spanish, on the “Humane Care and Use of Laboratory Animals” is now available from the Animal Welfare Information Center (AWIC) of the National Agricultural Library (NAL).

The 30-minute video was produced by the Laboratory Animal Training Association, with AWIC assistance, under an NAL grant. The video is designed to provide Spanish speaking technicians with information on the humane care and use of laboratory animals in accordance with USDA regulations and U.S. Public Health Service recommendations. Services and information available through AWIC are also covered in the video.

VHS versions of the video (cataloged as Video Cassette No. 1129) may be borrowed from NAL by sending an interlibrary loan request to:

Document Delivery Services Branch, 6th Floor  
National Agricultural Library  
10301 Baltimore Boulevard  
Beltsville, MD 20705-2351

The Animal Welfare Information Center is one of 11 information centers established by NAL to gather information and provide services on issues of critical importance to the agricultural community. In addition to animal welfare, subjects covered include: agricultural trade and marketing, alternative farming systems, aquaculture, biotechnology, food and nutrition, plant genome, rural development and health, technology transfer, water quality, and youth development.

The National Agricultural Library is an agency of the U.S. Department of Agriculture. It is the largest agricultural library in the world, containing over 2.1 million volumes and receiving 26,000 current periodical titles from throughout the world. With the Library of Congress and the National Library of Medicine, NAL is one of three national libraries of the United States.



# Information Alert

From the National Agricultural Library

---



United States  
Department of  
Agriculture



**Press Release — FOR IMMEDIATE RELEASE**

**Contact: Brian Norris**

**(301) 504-6778; FTS: 964-6778**

**FAX: (301) 504-5472; FTS: 964-5472**

## **Telephone Numbers Changed for NAL Electronic Bulletin Board**

Beltsville, MD — The telephone numbers to the National Agricultural Library's (NAL) electronic bulletin board, called ALF (for Agricultural Library Forum), have been changed effective December 16, 1991.

The new numbers are area code (301) 504-5496, 5111, 5497 and 6510. FTS (Federal Telecommunications System) numbers will be 964-5496, 5111, 5497 and 6510.

ALF has been maintained by NAL since 1987 to provide access to, and a means to exchange, agricultural information and resources. The service is available 24-hours a day, 7 days a week to anyone with access to compatible computer equipment.

According to ALF system operator and NAL librarian Karl Schneider, information in ALF may be found in bulletins, messages, conferences and more than 400 files of materials.

"ALF is a convenient and economical way to access NAL information, products and services," Schneider said. "It also offers people a forum in which to meet and exchange agricultural information, anywhere in the world, at anytime of the day."

To access ALF, communications software should be set at either 300, 1200 or 2400 baud, full duplex, no parity, 8 data bits and 1 stop bit.

The computer software used by ALF is called Remote Bulletin Board System for Personal Computers (RBBS-PC). It is menu-driven and runs on IBM personal computers and compatibles. Known as "Userware" by its developers,

— more —

**92-14**  
**December 1991**



RBBS-PC is wholly user supported. It is distributed by Capital PC Users Groups in Bethesda, MD, a not-for-profit organization, and is considered "shareware," meaning that it can be passed along at no charge if it is not altered. The software is considered an industry standard for IBM-type PC bulletin boards.

A free users guide is available in addition to assistance on accessing ALF, by contacting:

Public Services Division, Rm 100  
National Agricultural Library  
Attn: ALF  
10301 Baltimore Boulevard  
Beltsville, Maryland 20705-2351

The National Agricultural Library is an agency of the U.S. Department of Agriculture. It is the largest agricultural library in the world, containing over 2.1 million volumes and receiving 26,000 current periodical titles from throughout the world. With the Library of Congress and the National Library of Medicine, NAL is one of three national libraries of the United States.

— 30 —

**92-14**  
**December 1991**





# Information Alert



United States  
Department of  
Agriculture



United States Department of Agriculture  
National Agricultural Library  
Public Affairs Office, Room 204  
10301 Baltimore Boulevard  
Beltsville, MD 20705-2351

**OFFICIAL BUSINESS**  
Penalty for Private Use, \$300

If changes are required to your mailing address, enter them on the address label and return it or a copy of it to the above address. If you wish to be removed from the mailing list for this publication check here ☐ and return this page or a copy of it to the above address.

BULK RATE

POSTAGE AND FEES PAID

USDA

PERMIT NO. G95

# Information Alert

From the National Agricultural Library



United States  
Department of  
Agriculture

